AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) An air conditioning system (A1) for cooling or heating an air, and for feeding the heated or cooled air to predetermined portions, characterized by comprising:

a first circulating circuit (B1) for circulating a first heating medium;

a second circulating circuit (C1) for circulating a second heating medium;

a first heat exchanger (18) for executing heat exchange between the first and second heating mediums; and

a second heat exchanger (25) for executing heat exchange between the second heating medium and the <u>heated or cooled</u> air;

a compressor pressurizing the first heating medium;

an expander for distributing the pressurized first heating medium, connected with the first heat exchanger; and

a first heat storing device having a storing material which is heated or cooled by the first heating medium, executing heat exchange among the first heating medium, the second heating medium, and the heat storing material.

(Currently Amended): The air conditioning system (A1) according to
Claim 1, characterized by further comprising:

a third heat exchanger (8), which is different from the first heat exchanger in heat exchange characteristics between the first and second heating mediums, and which is communicated in series with the first heat exchanger;

a selector (27) for selectively flowing the second heating medium through the first heat exchanger (18) or through the third heat exchanger (8); and

a controller (33) for executing a switching operation of the <u>a</u> selector (27) on the basis of an air conditioning demand.

3. (Currently Amended): The air conditioning system (A1) according to Claim 2, characterized in that wherein:

the controller (33) includes a means for executing controls a switching operation of the selector (27) so as to flow the second heating medium through any a selected one of the first heat exchanger (18) and the third heat exchanger (8) the first heat storing device, which is more excellent in heat exchange characteristics than the other, in case when the air conditioning demand is high increases.

4. (Currently Amended) The air conditioning system (A1) according to Claim 2, characterized wherein:

in that the first heat exchanger (18) comprises a first flow passage for flowing the first heating medium, and a second flow passage formed adjacent to and in parallel with the first flow passage and for flowing the second heating medium; and

in that a flowing direction of the first heating medium in the first flow passage and a flowing direction of the second heating medium in the second flow passage are opposite to each other.

5. (Currently Amended) The air conditioning system (A1) according to Claim 1, characterized 2, wherein:

by further comprising a first heat storing device (8) having a heat storing material (14) which is heated or cooled by the first heating medium, for executing the heat exchange among the first heating medium, the second heating medium and the heat storing material (14); and

in that <u>a</u> second circulating circuit (C1) comprises a first circuit for flowing the second heating medium through the first heat exchanger (18); a second circuit for flowing the second heating medium through the first heat storing device (8); and a <u>the</u> selector (27) for communicating the second heat exchanger (25) selectively to the first circuit and the second circuit.

6. (Currently Amended): The air conditioning system (A1) according to Claim 5, characterized wherein:

in that the first heat exchanger (18) is arranged in on an upstream side of the first heat storing device (8) in a flowing direction of the low-temperatured first heating medium; and

in that the selector (27) executes a switching operation to flow the second heating medium into the first heat exchanger (18) through the a first sub-circuit in case

the rapid cooling is demanded, and executes a switching operation to flow the second heating medium into the first heat storing device (8) through the second circuit in case the normal cooling is demanded.

7. (Currently Amended). The air conditioning system (A1) according to Claim 5 6, characterized in that wherein:

a second heat storing device (9) having a heat storage material (14) which receives heat from the heated and high-temperatured first heating medium and stores the heat therein is arranged in the first (circulating) sub-circuit.

8. (Currently Amended). The air conditioning system (A1) according to Claim 7, characterized by further comprising:

a heat source mechanism (1, 4, 6) for heating and cooling the first heating medium; and wherein

a <u>the</u> controller (33) for operating <u>operates</u> the heat source mechanism, in case the temperature of the heat storage material (14) in at least any one of the heat storing devices (8, 9) is at a predetermined value or lower, and air conditioning is demanded.

9. (Currently Amended). The air conditioning system (A1) according to Claim 7, characterized by further comprising wherein:

a <u>the</u> controller (33) which operates the <u>a</u> first (circulating) circulating circuit (B1) in accordance with a temperature of at least any one of the heat storing devices (8, 9),

and which operates the second (circulating) circulating circuit (C1) in accordance with the air temperature.

10. (Currently Amended). The air conditioning system (A1) according to Claim 9, characterized further comprising:

by further comprising a pump (28) for pressurizing and flowing the second heating medium; and

in that wherein the controller (33) comprises a means for controlling an output of the pump (28) on the basis of a deviation between the air temperature and the target temperature at a predetermined position in the outlet side of the second heat exchanger (25).

11. (Currently Amended). The air conditioning system (A1) according to Claim5 or 7 claim 5, characterized in that wherein:

any at least one of the first heat storing device (8) and the second heat storing device (9) comprises a pipe penetrating the heat storage material (14) for flowing the first heating medium or the second heating medium therethrough, and a plurality of fins (13) embedded in the heat storage material (14) and integrated with the pipe (28).

12. (Currently Amended). The air conditioning system (A1) according to Claim 7, characterized in that wherein:

the second heat storing device (9) is arranged in on an upstream side of the first heat storing device (8) in a flowing direction of the heated and high temperatured first heating medium.

13. (Currently Amended). The air conditioning system (A1) according to Claim 7 or 12, characterized by further comprising:

a fourth third heat exchanger (26) for executing heat exchange selectively with the air; and

a third circuit (D1) for circulating a third heating medium between the second heat storing device (9) and the fourth third heat exchanger (26), and for providing heat to the third heating medium in the second heat storing device (9).

- 14. (Cancelled).
- 15. (Currently Amended). The air conditioning system (A1) according to Claim 14.1, characterized further comprising:

by further comprising a determining device (33) for determining permission and non-permission of operation of the compressor (1) on the basis of the temperature of the heat storage material (14) in any one of the heat storing devices (8, 9); and

in that wherein a hysteresis is set to the permissible temperature and non-permissible temperature of operation of the compressor (1).

16. (Currently Amended). The air conditioning system (A1) according to Claim 14, characterized further comprising:

by further comprising a thawing device (33, Step S616) for heating the first heat storing device (8) temporarily; and

in that wherein the first heat storing device (8) stores energy for cooling, and the second heat storing device (9) stores heat for heating.

17. (Currently Amended). The air conditioning system (A1) according to Claim 16, characterized by further comprising wherein:

a vehicle mounting the air conditioning system is mounted in a vehicle; thereon; and

wherein the thawing device (33, Step S616) comprises a means for setting the amount of heat for heating the first heat storing device (8) on the basis of at least any one of a road information on which the vehicle is running, weather around the vehicle, a vehicle speed, an engine speed, outside temperature, and an amount of heat necessary to air conditioning the room.

18. (Currently Amended): The air conditioning system (A1) according to Claim 14 17, characterized by further comprising:

a prime mover (51) for outputting a power for running the vehicle and for driving the compressor (1); and wherein

a <u>the</u> controller (33, Step S618) for selecting <u>seelects</u> a pre-heat storing mode, in which heat is stored in the <u>first</u> heat storing device or radiated by driving the

compressor (1) by a running inertia force, when the prime mover (51) is driven compulsorily by the running inertia force.

19. (Currently Amended). The air conditioning system (A1) according to Claim 14 1, characterized by further comprising:

a selector valve (17) for switching the \underline{a} flowing direction of the first heating medium, into a direction from the compressor (1) through the \underline{a} heat radiator (4) and the expander (6) to the first heat storing device (8), and into a direction from the \underline{a} heater (1) through the first heat storing device (8) and the expander (6) to the heat radiator (4).

20. (Currently Amended). The air conditioning system (A1) according to Claim 19, characterized in that wherein:

the <u>a</u> second heat storing device (9), which receives heat from the first heating medium and stores the heat therein, is arranged between a discharging port of the compressor (1) and the selector valve (17).

21. (Currently Amended). The air conditioning system (A1) according to Claim 20, characterized by further comprising:

a fourth third heat exchanger (26) for executing heat exchange selectively with the air; and

a third (circulating) circulating circuit (D1) for circulating a third heating medium between the second heat storing device (9) and the fourth third heat exchanger

(26), and for providing heat to the third heating medium in the second heat storing device (9).

22. (Currently Amended). The air conditioning system (A1) according to Claim 7, characterized by further comprising:

an airmix executing means (D1, 26) for device providing heat of the second heat storing device (9) to the air cooled by the second heat exchanger (25), thereby heating the air.

23. (Currently Amended): The air conditioning system (A1) according to Claim 7, characterized by further comprising:

any at least one of an internal combustion engine (51) and a drive unit having oil; and

a controller (33) for providing heat stored in the second heat storing device (9) to any one of the internal combustion engine (51) or the drive unit, thereby executing either warming up of the internal combustion engine (51) or heating of the oil.

24. (Currently Amended). The air conditioning system (A1) according to Claim 23, characterized by further comprising:

a means for warming up the internal combustion engine (51) by the heat of the second heat storing device (9), while the internal combustion engine (51) is halted.